

07/20/01  
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U.S. Department of Commerce  
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PATENT

UTILITY PATENT APPLICATION TRANSMITTAL

Assistant Commissioner for Patents  
Washington, D.C. 20231  
BOX PATENT APPLICATION

Customer No.: 23696  
Attorney Docket No.: 000315  
Date: 07/20/2001  
Express Mail Label No.: EL902898991US

11011 U.S. PTO  
09/910361  
07/20/01

Dear Sir:

Transmitted herewith for filing is the patent application of:

Inventor(s): Alkinoos H. Vayanos

For: GPS SATELLITE SIGNAL ACQUISITION ASSISTANCE SYSTEM AND METHOD IN A  
WIRELESS COMMUNICATIONS NETWORK.

Enclosed are:

1. ☒ Patent application (28) total pages.
2. ☒ Drawings: ☐ Formal ( ) sheet(s) or ☒ Informal (8) sheet(s).
3. ☒ Declaration/Power of Attorney: ☒ Signed ☐ Unsigned
4. ☐ This application claims priority from Application Serial No. , Filed , Status .
5. ☒ An Assignment (2) pages and Recordation Form Cover Sheet.
6. ☐ A Preliminary Amendment ( ) pages.
7. ☐ Information Disclosure Statement (IDS):
  - a. ☐ PTO-1449
  - b. ☐ Copies of IDS Citations (number of citations: )
8. ☐ Other:

CLAIMS:	(a) Filed	(b) Extra Claims	Large Entity Fee	Fee Paid
Total*	16 - 20	0	x \$18 =	\$0.00
Independent**	6 - 3	3	x \$80 =	\$240.00
Multiple Dependent Claim(s): <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes			\$270	\$0.00
APPLICATION FILING FEE			\$710	\$710.00
			TOTAL FEE	\$950.00

\*If the number in column a is less than 20, enter 0 in column b.  
\*\*If the number in column b is less than 3, enter 0 in column b.

8. ☐ A check in the amount of \$\_\_\_\_\_ is enclosed to pay the filing fee.
9. ☒ Please charge Deposit Account No. 17-0026 of QUALCOMM Incorporated the amount of \$950.00. The Commissioner is hereby authorized to charge payment of any additional fees which may be required, or credit any overpayment, to said Deposit Account No. 17-0026. A duplicate of this sheet is enclosed for fee processing.
10. ☒ The Commissioner is further hereby authorized to charge to said Deposit Account No. 17-0026, pursuant to 37 CFR 1.25(b), any fee whatsoever which may become properly due or payable, as set forth in 37 CFR 1.16 to 37 CFR 1.18 inclusive, for the entire pendency of this application without specific additional authorization.

Date: 07/20/2001

Signature:

Bruce W. Greenhaus, Reg. No. 37,339  
(858) 651-6399

QUALCOMM Incorporated  
Attn: Patent Department  
5775 Morehouse Drive  
San Diego, California 92121-1714  
Telephone: (858) 651-1179  
Facsimile: (858) 658-2502

**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

<b>In Re Application of</b>	)	
<b>Alkinoos H. Vayanos</b>	)	<b>For: GPS Satellite Signal Acquisition</b>
	)	<b>Assistance System and Method</b>
	)	<b>in a Wireless Communications</b>
<b>Application No.: UNKNOWN</b>	)	<b>Network</b>
	)	
<b>Filed: HEREWITH</b>	)	<b>Group Art Unit: UNKNOWN</b>

**CERTIFICATE OF MAILING UNDER 37 CFR § 1.10**

Assistant Commissioner of Patents  
BOX NEW PATENT APPLICATIONS  
Washington, D.C. 20231

Dear Sir:

"Express Mail" mailing label No.	<u>EL902898991US</u>
Date of Deposit	<u>07/20/2001</u>

ENCLOSED ARE:  
TRANSMITTAL LETTER IN DUPLICATE;  
PATENT APPLICATION (28pg.); COMBINED DECLARATION/POWER OF  
ATTORNEY (Filed Signed); ASSIGNMENT, ASSIGNMENT RECORDATION  
SHEET (3pgs.);  
\_8\_ SHEETS OF INFORMAL DRAWINGS; CERTIFICATE OF EXPRESS MAIL;  
And POSTCARD.

I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR § 1.10 on the date indicated above and is addressed to the Assistant Commissioner of Patents, BOX PATENT APPLICATIONS, Washington, D.C. 20231.

Carola Emelius-Swartz

(Name)

(Signature)

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